```
1:
    char* duplicate (int size, char* v) {
2:
      if(size > 0) {
3:
        char* r = malloc(size*2);
4:
        int i;
5:
        for (i = 0; i < size; i++) {
6:
          r[i] = v[i];
7:
          r[i+size] = v[i]:
8:
9:
10:
      else return NULL:
11:
```